

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
In the DO/EO/US

In re the Application of:

Eva-Maria PRINZENBERG et al. Art Unit: not yet assigned

Application No.: 10/524,295 Examiner: not yet assigned

Filed: February 11, 2005 Attorney Dkt. No.: 12007-0047

For: METHOD FOR SCREENING THE ALLELIC STATE AT THE 5'-FLANKING  
REGION OF THE  $\alpha$ S1 CASEIN GENE (as amended)

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

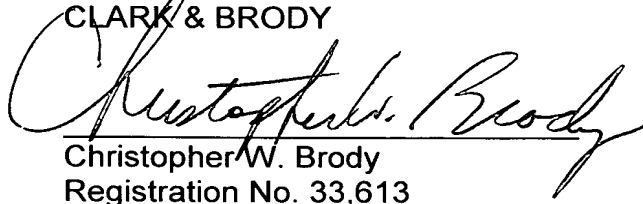
Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Since this application was filed after June 30, 2003 and as permitted by Rule 1.98(a), copy of the U.S. reference is not included herewith.

Applicants respectfully submit that this disclosure is being filed in accordance with 37 C.F.R. 1.97(b), therefore, no fee is required.

Respectfully submitted,  
CLARK & BRODY



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Docket No.: 12007-0047  
Date: February 3, 2006

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT  <i>(Use several sheets if necessary)</i>	ATTY. DOCKET NO.	SERIAL NO.
	<b>12007-0047</b>	<b>10/524,295</b>
	APPLICANT <b>Eva-Maria Prinzenberg</b>	
	FILING DATE	GROUP ART UNIT
	<b>02/11/2005</b>	<b>Not yet assigned</b>

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	<b>1.</b>	<b>4,873,316</b>	<b>10/10/1989</b>	<b>MEADE et al.</b>			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	<u>TRANSLATION</u>		
							YES	NO	PART.
	<b>2.</b>	<b>10017675A1</b>	<b>12/06/2001</b>	<b>GERMANY</b>					<b>X</b>
	<b>3.</b>	<b>WO 01/57250</b>	<b>08/09/2001</b>	<b>PCT</b>			<b>X</b>		
	<b>4.</b>	<b>WO 00/36143</b>	<b>06/22/2000</b>	<b>PCT</b>			<b>X</b>		
	<b>5.</b>	<b>3854555</b>	<b>06/23/1988</b>	<b>GERMANY</b>					
	<b>6.</b>	<b>WO 93/04165</b>	<b>03/04/1993</b>	<b>PCT</b>			<b>X</b>		

OTHER REFERENCES *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	<b>7.</b>	C. Kuhn et al., "Isolation and application of chromosome 6 specific microsatellite markers for detection of QTL for milk-production traits in cattle", J. Anim. Breed. Genet. 113 (1996), pages 355-362
	<b>8.</b>	J. Nadesalingam et al, "Detection of QTL for milk production on Chromosomes 1 and 6 of Holstein cattle", Mammalian Genome 12 (2001), pages 27-31
	<b>9.</b>	K. Ng-Kwai-Hang et al., "Association of Genetic Variants of Casein and Milk Serum Proteins with Milk, Fat, and Protein Production by Dairy Cattle", J. Dairy Sci 67 (1984), pages 835-840
	<b>10.</b>	K. Ng-Kwai-Hang et al., "Relationships Between Milk Protein Polymorphisms and Major Milk Constituents in Holstein-Friesian Cows", Journal of Dairy Science, Vol. 69, No. 1 (1986), pages 22-26
	<b>11.</b>	E. Prinzenberg, "Development of gene diagnostic procedures for rare milk protein variants with the cattle under Berücksichtigung of the occurrence at races threatened by becoming extinct", From Institute for Animal Breeding and Domestic Animal Genetics of the Justus Liebig Universität Geissen, 1998, pages 61-71
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19.	S. Ehrmann et al., "Quantification of gene effects on single milk proteins in selected groups of dairy cows", J. Anim. Breed. Genet. 114 (1997), pages 121-132
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